

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/668,167 Confirmation No.: 5213
Applicant : Kelly Alan Stonger et al.
Filed : 09/24/03
Title : SYSTEM AND METHOD FOR PRODUCING A DETECTOR POSITION MAP
TC/Art Unit : 2878
Examiner: Unknown

Docket No. : 60497.000015
Customer No. : **21967**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith copies of the reference listed on the attached Form PTO-SB/08A for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form SB/08A with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being submitted prior to a first Office Action on the merits; therefore, it is believed that no fee is required for consideration of this information. However, in the event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: APRIL 30, 2004

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/668,167
Filing Date	09/24/03
First Named Inventor	Kelly Alan Stonger
Art Unit	2878
Confirmation No.	5213
Examiner Name	Unknown

Sheet	1	of	1	Attorney Docket Number	60497.000015
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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,272,343	12-21-1993	Stearns	

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION
		M. DAHLBOM and E.J. HOFFMAN, "An Evaluation of a Two-Dimensional Array Detector for High Resolution PET," IEEE Transactions on Medical Imaging, vol. 7, no. 4, pp. 264-271 (1988).	
		JOEL G. ROGERS et al., "Testing 144- and 256-crystal BGO Block Detectors," IEEE Transactions on Nuclear Science, vol. 41, no. 4, pp. 1423-1429 (1994).	
		RA MINTZER, et al., "Maximum-Likelihood Calibration of Small Gamma Cameras for 511 keV Positron Annihilation Radiation," 1995 IEEE Nuclear Science Symposium and Medical Imaging Conference Record, vol. 3, pp. 1567-1570 (1995)	
		W.W. MOSES et al., "Performance of a PET Detector Module Utilizing an Array of Silicon Photodiodes to Identify the Crystal of Interaction," IEEE Transactions on Nuclear Science, vol. 40, no. 4, pp. 1036-1040 (1993).	
		ROBERT M. GRAY et al., "Maximum a Posteriori Estimation of Position in Scintillating Cameras," IEEE Transactions on Nuclear Science, vol. NS-23, no. 1, pp. 849-852 (1976).	
		T.D. MILSTER, et al., "Digital Position Estimation for the Modular Scintillation Camera," IEEE Transactions on Nuclear Science, vol. NS-32, no. 1, pp. 748-752 (1985).	
		M.E. CASEY and R. NUTT, "A Multicrystal Two Dimensional BGO Detector System for Positron Emission Tomography," IEEE Transactions on Nuclear Science, vol. 33, no. 1, pp. 460-463 (1986).	
		NEAL H. CLINTHORNE, et al. "A Hybrid Maximum Likelihood Position Computer for Scintillation Cameras," IEEE Transaction on Nuclear Science, vol. NS-34, no. 1, pp. 97-101 (1987).	
		JOHN W. YOUNG, et al., "FPGA Based Front-End Electronics for a High Resolution PET Scanner," IEEE Transactions on Nuclear Science, vol. 47, no. 4, pp. 1676-1680 (2000).	

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.